



On Campus News

ocn@usask.ca | news.usask.ca

On the move

With Curtis Larson, left, doing the co-ordinating and Marty Schaan and his materials handling team doing the heavy lifting, brand new labs are coming to life in Health Sciences D Wing. But one researcher has concerns about sharing space, a lack of room on benches and about ensuring he's close enough to keep experiments running.

Read the story on Page 5.



KRIS FOSTER

Academic architecture

Considering the potential for a unique U of S program

by COLLEEN MACPHERSON

Ernie Barber is very cautious when he talks about an academic program in architecture at the University of Saskatchewan, always using the word “if” rather than the word “when.”

Barber's caution is a deliberate effort to manage expectations and enthusiasm in order to allow for a period of what he termed discernment, thoughtful reflection on what such an academic program might look like, how it might connect across campus and how the U of S might be able to advance architectural education in important ways. “This is not about pushing ahead with a school of architecture,” said the acting dean of engineering. “It's about understanding the potential for an academic program. I want to make sure the University of Saskatchewan does not miss an

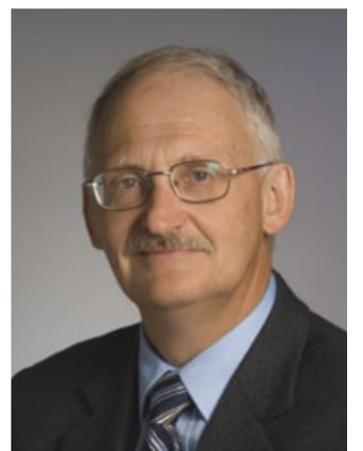
opportunity ... but we might decide this is not more important than the least important thing we're already doing.”

The road to this point of discernment has been an interesting four-year journey, said Barber, who first became involved with the notion of an architecture school while serving as vice-provost of teaching and learning. The idea came from the Saskatchewan Association of Architects (SAA), which commissioned a feasibility study in 2008 and endorsed a proposal for a school in 2009. “And that was really neat,” he said, “because it demonstrates that not all of all the good ideas come from within the academy.”

The focus, he said, has been on an administrative structure that would make a school happen “but if the university is

“We want a distinct program. We want to do something different, not just fill in the spaces between architecture schools on the map of Canada.”

Ernie Barber



Barber

to do this, we need to do more than just produce professional architects. We need research and scholarly work, and community engagement.” As ideas about an architecture program have matured, Barber said activity over last two years has been centred on building relationships with various partners—the city, provincial government, the professional association and individual architects and

potential donors.

Barber said he stayed involved in the proposal “because the most likely administrative attachment point for a school of architecture is the College of Engineering.”

In the last academic year, however, his thinking changed. “I came to the conclusion that unless the proponents of a school could persuade industry and government to pay for it in

its entirety, we would have to switch our attention from the business case to the academic case.”

To do that, the dean met last fall with some of his colleagues

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Correction

In the Feb. 8 issue of *On Campus News*, Lalita Bharadwaj, associate professor in the School of Public Health, was incorrectly identified as being a member of the Department of Chemistry. OCN apologizes for this error.

Discernment part of renewal

From Page 1

to ask very basic questions: "Are you ready to explore what architecture education could look like on this campus? How might an architecture program link with what you're doing in your college? What can you bring to this effort? Are there ways of having architecture faculty help you do some of the things you're doing in new and creative ways?"

The result, he said, was an assurance "we could do a good creative exploration of the idea" but Barber wanted to go further. "We want a distinct program. We want to do something different, not just fill in the spaces between architecture schools on the map of Canada." Architecture is about culture, environment, sense of place and design thinking, he said, and consideration needs to be given to how a U of S program might incorporate those elements.

"We also want to learn more about where the leading thinkers, doers and educators are taking architecture. If we knew that, we could set those experiences in our own context where we could make the largest contribution to the evolution of

architecture education."

A working group has been set up with university and professional architects and others who are attempting to answer some of those questions while bridging between the profession and the academy. Barber said an important step has been for him and others from the U of S to meet with the SAA and its members to ask them "not to push us too hard. We need this interlude to get our thinking together on the academic side."

Part of the effort to understand what an academic program might look like is a series of three "architecture is..." symposia at the U of S featuring renowned educators and professionals discussing material and technical innovation; environment, culture and community engagement; and design thinking and teaching. The public events will take the idea of an architecture program "deeper into campus," said Barber.

So far, Barber has been pleased with the results achieved—openness from colleagues to explore an academic program, support from the profession ("they've been incredibly patient with us")

and a stellar line up of speakers for the symposia. He does, however, regret there are so many distractions on campus, including budget cuts and program prioritization.

"It's a hard sell to talk about new initiatives when we're already having trouble paying for what we're already doing (but) we have to see organizational renewal as important and this is part of organizational renewal."

Barber said he will present the provost with a discernment report before the end of this academic year. That report will detail the opportunities for an architecture program at the U of S, what that program would look like, its distinctive features and how it would fit into the current array of university programs.

He is also advocating for a formal advisory board involving all the stakeholders in an architecture program. "This is about the university but we shouldn't come to any conclusions on our own. We have an obligation to work with industry and government to help come to some conclusion about whether there should be architecture education in this province." ■

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Date, time and location
March 4, 2013 at noon, Convocation Hall



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usask.ca/boardofgovernors

Good night, sleep tight ...

Bedbugs proves to be disgusting and interesting

✍ MICHAEL ROBIN

First, the good news: they can't jump and they can't fly. The bad news: they can climb and cling very well indeed, which is why hitchhiking bedbugs have shown up in some very unlikely places.

Bedbugs have enjoyed resurgence around the world due to the phasing out of pesticides like DDT, and the bugs' evolved resistance to chemicals like pyrethroids that have kept them in check, says James Armstrong, a U of S master's student who is studying the pests. Consummate travellers, the bugs move around the world the same way as everyone else, via trains, planes and automobiles.

And while there is a social stigma that bedbugs are associated with poor hygiene or housekeeping, this is not the case, said Armstrong.

"Cleanliness has nothing to do with it. Bedbugs don't care if you have a clean house or a dirty house. That's irrelevant to them. You could have a very clean house and still have bedbugs."

While he said it is a little early to call himself an expert, Armstrong is more knowledgeable than most about the tiny bloodsuckers. His graduate project, under the supervision of parasitologist Neil Chilton, is to sequence the mitochondrial DNA of the bedbug, batbug and swallowbug. This knowledge can be used to help determine where an infestation is coming from, or if it is coming from several sources.

Armstrong also sits as an advisor on a city task force on bedbugs, where he contributes his specialized knowledge on reproduction, habits, effective baits and attractants. While he

finds the bugs fascinating, he admits to a certain caution while he tagged along with an exterminator friend recently to infested houses in Saskatoon and Swift Current to collect specimens.

"I was really concerned when I started going to collect samples for my study, about bringing them (bedbugs) home, because I'd have to go into houses with infestations," he said.

Fortunately, thanks to special boots and gloves—and never kneeling down on the floor—the only bugs came back in bottles, safely euthanized in alcohol.

Armstrong explained that while bedbugs are not exactly friendly to humans, they're even worse to each other.

"They've got a really interesting method of reproduction. It's called traumatic insemination, and it's exactly as horrific as it sounds," he said. Basically, the male bedbug stabs the female in the chest to inseminate her sometimes killing her in the process.

"It's thought to have evolved due to female choosiness, so males evolved this antagonistic behavior. It's disgusting, but interesting."

While bedbugs may have received a bit more attention as of late, there's no reason for alarm, said Andrea Smida, biosafety manager with the U of S Facilities Management Division (FMD).

"We've always had them in the city, but they come out of the woodwork from time to time," she said. On campus, a bedbug that recently showed up on a chair in the Natural Sciences Library was the first case in

about five years. One critter that showed up in the Murray Library turned out to be a batbug, a close relative of bedbugs that usually does not feed on humans.

Smida explained that any report of a bedbug is first assessed and a response, like bringing in a professional exterminator, is rolled out immediately to prevent the pests from getting established.

"It's a lot of work to get rid of them, that's the problem," Smida said. "You have to make sure the area is prepped properly. If it isn't, the treatment won't be successful."



Master's student James Armstrong

MICHAEL ROBIN

Beating the bugs

Bedbugs can range from one mm in size for a nymph, or immature bug, to about five mm for adults. They love the dark and will crawl into cracks and crevices like the seams on mattresses or under box springs, so you may never see them. Look for fecal spots or blood spots—little black or red spots on bedding, especially near the seams.

If you suspect bedbugs at home, a carbon dioxide trap can help confirm their presence. "A CO2 trap is the best attractant they've found, according to the research," said James Armstrong, a master's student who specializes in the pests.

"Interceptor traps are also a great measure

(and) they're only about \$20," said. These traps are basically a bowl within a bowl, placed under all the bedposts. Bugs travelling to the bed will get caught in the outer bowl, while those leaving will show up in the inner bowl. Be sure to move the bed away from the wall slightly, and ensure the bedding does not touch the floor to give the bugs a climbing route.

Because bedbugs can be hard to eradicate, it's best to call in a professional exterminator.

For suspected bedbugs in residence, contact the U of S residence office. For all other areas on campus, contact the FMD main office at 966-4700. ■

FROM THE ARCHIVES

Television teaching

✍ PATRICK HAYES, U OF S ARCHIVES



U of S Archives, A- 10863.

This image is from September 1987 and pictures Michael Hayden, professor of history, delivering a lecture. This was the first year the university offered introductory credit courses in History (112.6) and English (110.6) via television satellite.

Sessions originated in the studios of the Division of Audio-Visual Services and were beamed via satellite to 14 provincial centres. The Division of Extension and Community Relations arranged the courses as part of its distance education program. The courses were

designed to meet the needs of students unable to attend classes on campus. Each course included a televised presentation by the instructor in Saskatoon and discussions led by on-site tutors or proctors. Student comments and questions were conveyed by telephone and were heard by participants at all locations. The instructor's responses were transmitted by television. For additional assistance, students could consult the instructor during office hours using toll-free telephone lines. ■

Centre construction contract close

University officials are very close to awarding a contract for construction of the long-awaited Gordon Oakes-Red Bear Student Centre.

Greg Fowler, acting vice-president of finance and resources, said Feb. 22 that negotiations with the contractors who submitted bids on the original project tender late in 2012 have resulted in significant cost reductions, "and by early- to mid-March, we should be able to move forward with a final contract."

Four firms bid on construction of the 2,350 square metre building designed by Douglas Cardinal, but all were over budget. Fowler said the bidders were invited to seek cost reductions in their original proposals, with particular attention paid to

items like masonry, landscaping and furnishings. "Some were more enthusiastic than others," he said, but in the end, details from the contractors that were submitted to the university Feb. 19 indicate the gap has narrowed considerably. Fowler said the university officials will now work with a limited number of firms to reach an acceptable price for the building.

The architect has been closely involved in the process to ensure the final product is true to his design, Fowler said, "and we've been very diligent about maintaining the space programming proposed for the building. I'm very optimistic that we can still meet the target of opening the building in the fall of 2014." ■

Gift for Huskies



For the third straight year, PotashCorp has made a significant donation to Huskie Athletics at the University of Saskatchewan.

The \$150,000 gift will support all 15 of the Huskies' Canadian Interuniversity Sport (CIS) teams, will supplement each team's budget and will provide funding for student athletes in the Huskies Sport Health Centre.

"We are proud to support

our hometown Huskies and athletic programming at the U of S," said Denita Stann, vice-president of investor and public relations at PotashCorp, in a media release. "Athletic programs teach important lessons outside the classroom about leadership, commitment, and teamwork – the same values that drive our company and our people everyday."

PotashCorp is a major contributor to the University of Saskatchewan, having donated more than \$11 million over the years, including a \$5 million donation in 2005 to upgrade Griffiths Stadium in PotashCorp Park. The company also sponsored the CIS football championship Vanier Cup game held at the U of S in 2006, and will be the title sponsor of the 2013 and 2014 CIS Men's Hockey PotashCorp University Cup presented by Co-op. ■



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Questions probe budget initiatives

A number of probing questions—about rumours, about budget adjustment initiatives and even about how students can help—were at the heart of a Feb. 26 town hall meeting held to provide an update on the institution's financial situation.

The meeting began with Provost Brett Fairbairn and Greg Fowler, acting vice-president of finance and resources, restating the university's projected \$44.5-million deficit by 2016 and the goals of the budget cutting measures—a sustainable operating budget with the best

people and programs possible in place, and resources focused on university priorities.

Fairbairn noted the four-year timeline for trimming the operating budget gives the U of S "the time to make the right decisions. We don't want to end up in a repeat cycle of having to make cuts to our budget."

Fowler reiterated the need for changes to the university's workforce, its largest single expense. Some 50 administrative and support positions have been eliminated since November, he said, in units that "were ready to

proceed," but every college and unit will do workforce planning before the end of April. Staff reductions to date will amount to about \$2.4 million in budget savings by 2016.

Fairbairn also described the university's program prioritization initiative—called TransformUS—that will see two task forces spend the year evaluating every program and service against a set of criteria. Final rankings will be submitted in a report to the president by Nov. 30. An implementation plan for change will follow that will see increased investment in some areas, no change, or the elimination or reduction of programs and services.

The goal of TransformUS, said Fairbairn, is to save the university \$20-25 million annually with \$5 million of that earmarked for reinvestment in high-priority programs. TransformUS, he added, will drive future workforce planning.

Totaling all of the efforts made so far, Fowler said about \$5 million in savings have been realized, about 10 per cent of the reduction target.

Patti McDougall, vice-provost teaching and learning, then chaired a question period, toggling between online queries, written questions submitted at the meeting, questions from speakers on the floor and from Twitter. The first asked what or who caused "this state of affairs," which Fairbairn described as a combination of lower projected provincial funding, compensation growth, deferred maintenance challenges and going concern pension payments.

Asked from the floor what

University Advancement is contributing to increasing revenue, the provost acknowledged a conscious investment in expanding its fundraising function but compared to other institutions with well-established endowments and funding sources, "we're coming late to much of that work." Expect to see a major fundraising campaign in the next year or two, he said, but advancement work is "more of a long-term strategy."

Barb Daigle, associate vice-president of human resources, took the microphone to address what one questioner described as the "perceived brutality" of the U of S lay-off process and the appearance of people being "perp-walked out." Daigle said no security staff is involved in layoffs but the university has hired Meyers Norris Penny transition workers to assist laid-off employees, largely "to protect them (employees) from their own emotional reaction," which in some cases may be strong.

People generally do not want to react badly in front of co-workers or their boss, she said, so not allowing people to return to their workplace is common practice. "What appears to be harsh on the face of it is really rooted in the best interests of people."

Daigle also addressed a question about compensation for senior administrators, explaining the university

takes the strategic approach of setting all pay relative to market salaries in similar positions. "We don't increase compensation in good times and roll it back in bad times," she said. Taking a strategic approach, she went on, aids the university in its recruitment efforts for senior positions.

A graduate student asked what more students could do to assist the university. Fairbairn expressed the need to continue to hear the student voice and encouraged them to submit questions, comments or suggestions, attend meetings and participate in opportunities to share their ideas about priorities. The U of S wants to hear from "anyone who makes an investment in post-secondary education."

He also responded to a question about tuition being used to shore up revenues, assuring the audience the U of S intends to stick to its practice of making tuition decisions based on comparability, access and affordability, and ensuring quality. "You'll notice that the financial need of the university is not a criterion on the list."

Fowler answered a question about possibly contracting out non-cost effective services by saying the board has directed that all costs be explored. He added, however, that the university remains bound by all collective agreements and provincial labour legislation. ■

Send letters to the editor or viewpoints to ocn@usask.ca

 On Campus News

On Campus News is published 18 times per year by University of Saskatchewan Communications. It is distributed to all U of S faculty, staff, graduate students and members of governing bodies, as well as to others in the university community, related organizations, some Saskatchewan government officials and news media. Subscriptions are available for \$20 per year. Story and photo ideas are welcome. Advertising rates are available online or on request. *On Campus News* aims to provide a forum for the sharing of timely news, information and opinions about events and issues of interest to the University of Saskatchewan community.

The views and opinions expressed by writers of letters to the editor and viewpoints do not necessarily reflect those of the University of Saskatchewan or *On Campus News*.

Editor: Colleen MacPherson
Writer: Kris Foster
Designers: Brian Kachur, Pierre Wilkinson

Editorial Advisory Board: Patrick Hayes, Sharon Scott, Gillian Muir, Sandra Ribeiro, David York, Steve Jimbo, Fiona Haynes, Patty Martin



Setting up D Wing

Move in begins but researcher concerned about space shortage

by COLLEEN MACPHERSON

Through a wall of windows along the hallway, visitors to D Wing of the Health Sciences building can watch what it takes to set up a scientific laboratory—an extraordinary amount of lifting, piling, unpacking, sorting and organizing. Here, there is no such thing as moving “day”; it is more like moving month.

With all of the building commissioning hurdles now cleared, the process of bringing together researchers into group labs has begun, and will continue until the summer of 2014, according to Curtis Larson, associate director of operations in the Council of Health Science Deans Office. It can be delicate work but mostly it is hard work that requires meticulous planning and scheduling, said Larson, and so far, things are going well.

Larson led a tour of the transitional cancer research lab that will eventually house five principal researchers and their staff. Visible through the hallway windows are rows of research benches, still-crated equipment and piles of boxes. With windows on the exterior wall providing natural light, Larson said some have commented that the labs feel like fishbowls but the design is intentional.

“This building is about interprofessional, interdisciplinary teaching and research so students walking by are going to be able to watch that in action,” he said. “Some people have asked for blinds on the windows, frosted glass or even if they can

pile boxes to block the view but the answer is no to all of those.”

Key to the move in process is a permanent crew of four from materials handling in the Facilities Management Division (FMD). Marty Schaan heads that crew which moves up to 2,300 kg of equipment a day from labs all over campus. “We’re always sore at the end of the day,” he said. “It comes with the job.”

Schaan works with Larson as well as with office and lab staff to co-ordinate what moves when. Much of the equipment is new and must be moved in shipping crates, the largest so far being a cell sorter that weighed in at 1,270 kg. Existing equipment may end up out of alignment due to being moved but Larson said nothing has been damaged.

Karen Mochoruk, the cancer lab’s head technologist, said there is a lot of excitement around the move. She expects it will be month before the lab is fully operational in Health Sciences and, until then, the current lab in the Saskatoon Cancer Centre is winding down but not shutting down. The goal is “a very smooth transition” from one space to another.

Grouping researchers in shared lab space is a new concept at the U of S, said Larson, “and we’re all going to have to make this work together. The culture will have to change immensely.”

One researcher who has concerns about moving into a shared lab in Health Sciences is Jeremy Lee, professor of biochemistry in the College of

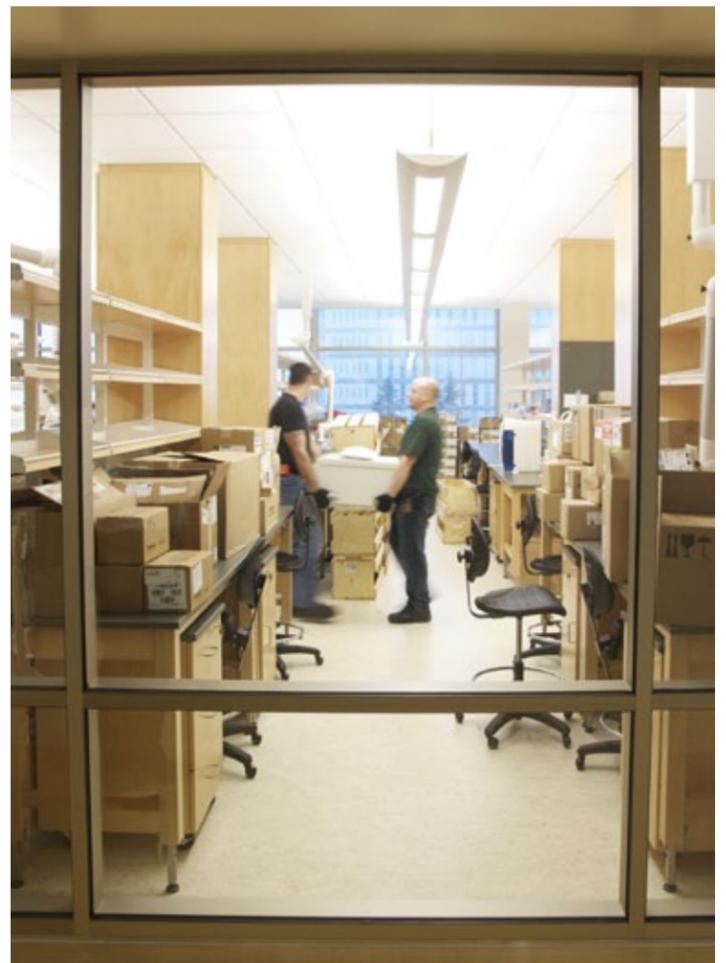
Medicine. “Basically I’ve been assigned a bench,” he said, as much as 50 per cent less space than he currently has in his lab, and that may actually slow down his research. The limited space will mean cleaning up and getting out new equipment every time the work changes rather than having room to conduct more than one experiment at a time. “In this new culture, that won’t really be possible.

“And the idea of sharing equipment has problems of its own,” he continued. “It’s human nature—if you share equipment, you don’t look after it like you would your own, or clear up what you’ve just finished ... and that is exacerbated by a lack of space.”

Lee, who does single molecule research into protein folding and misfolding, is scheduled to move into the molecular design lab in Health Sciences with five other principal investigators, and a sixth to come later. He estimates over 50



Lee



people will be using the same lab “and there’s no getting around the fact there’s much less space.”

He is also concerned that graduate students will not be located close enough to the research benches. Three of his students have been assigned space on the same floor as the new lab, but on the other side of the building. A fourth will be housed three floors up. “It’s an odd and inefficient design,” he said.

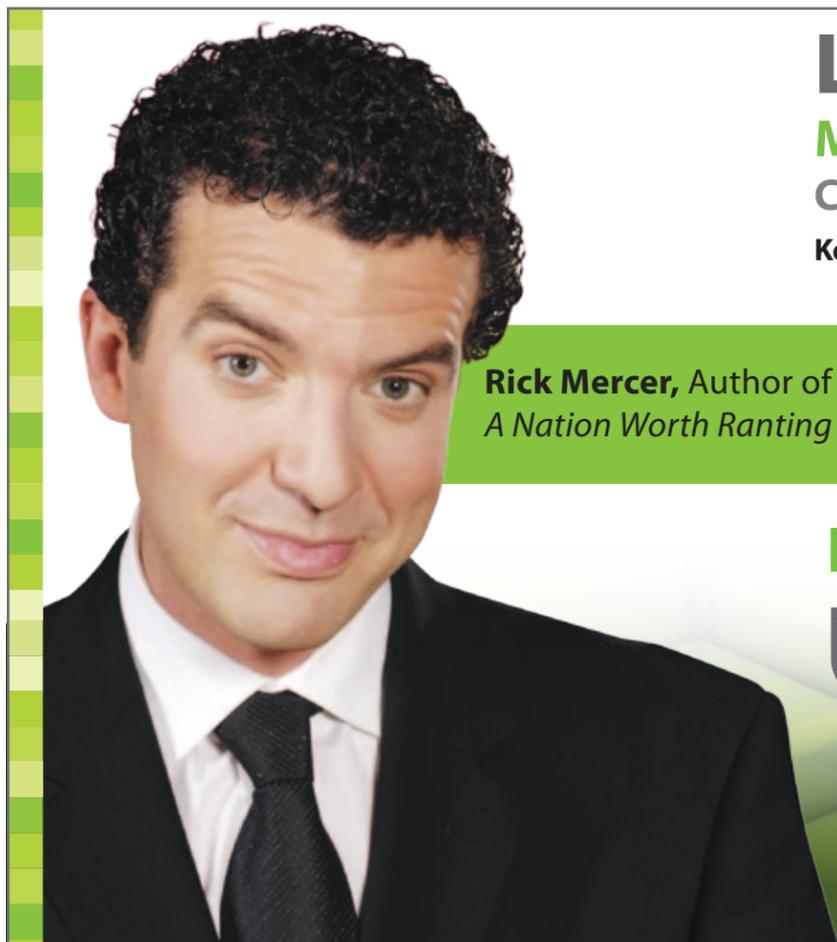
Typically, researchers and students have desk space very

close to research benches so they can do other work while experiments are running. In the new lab, “you can’t multi-task because your desk is too far away, and that’s one of the most important lessons students have to learn.”

Even Lee’s own desk is further from the benches than he would like. “As it is now, if a student drops a flask or starts swearing, I’m right there. If you can rectify it quickly, you can probably go on with the experiment but if you don’t get there in time, it can ruin a whole day. Being on site is very important.”

Lee said he knows that others share his concerns and is hopeful the problems will be resolved “but the college (of medicine) keeps talking about expanding to accommodate more researchers and they’re already out of space. They need to start building a new building now if that’s their plan.” ■

“It’s human nature – if you share equipment, you don’t look after it.”
Jeremy Lee



Rick Mercer, Author of *A Nation Worth Ranting About*

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Week at a Glance

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Pipe Ceremony TIME: 8:30 am LOCATION: Native Law Centre</p> <p>Hot Breakfast TIME: 9:30 am LOCATION: Aboriginal Students' Centre</p> <p>Aboriginal Women in Leadership Panel TIME: 10 am LOCATION: Graduate Commons</p> <p>Signing Ceremony with The Office of Treaty Commissioner TIME: 12 pm LOCATION: Place Riel</p> <p>Love Stories for Mother Earth: Artistic Responses to Idle No More TIME: 1:30 pm LOCATION: Neatby-Timlin Theatre</p> <p>Baking Bannock with Bob Badger TIME: 3 pm LOCATION: Marquis Hall</p> <p>CHEP Food Bingo TIME: 6 pm LOCATION: Room 263, Arts Building</p>	<p>Jigging and Fiddling Workshop TIME: 10 am LOCATION: Education Student Lounge</p> <p>Reconciliation Discussion with OTC TIME: 10 am LOCATION: Roy Romanow Student Council Chamber</p> <p>Aboriginal Graduate Presentation and Lunch TIME: 11 am LOCATION: Graduate Commons</p> <p>Flag Raising Ceremony TIME: 11:30 am LOCATION: Atrium, Agriculture Building</p> <p>Pizza and a Chat with the College of Agriculture and Bioresources TIME: 12 pm LOCATION: Room 1E80, Agriculture Building</p> <p>Walking Together: Students Share Stories of their Educational Journeys TIME: 1 pm LOCATION: Room 146, Arts Building</p> <p>Two-Spirited: Our Aboriginal Identities and Queer Identities TIME: 2:30 pm LOCATION: Room 146, Arts Building</p> <p>USSU Speakers Series TIME: 6:30 pm LOCATION: Room 146, Arts Building</p>	<p>Significance of the Drum Workshop TIME: 10 am LOCATION: Education Student Lounge</p> <p>Native Spirituality 101 (and soup and bannock) TIME: 12 pm LOCATION: Aboriginal Students' Centre</p> <p>USSU Speaker Series: Joseph Boyden TIME: 1:30 pm LOCATION: Room 241, Arts Building</p> <p>Aboriginal Arts Festival TIME: 6 pm LOCATION: Louis'</p>	<p>Conversational Cree Workshop TIME: 10 am LOCATION: Roy Romanow Student Council Chamber</p> <p>Dispelling the Myths Panel TIME: 11:30 am LOCATION: Convocation Hall</p> <p>USSU Speakers Series TIME: 1 pm LOCATION: Convocation Hall</p> <p>ISC Banquet TIME: 6 pm LOCATION: Dakota Dunes Casino</p>	<p>Unpacking the Past, Engaging the Present, and Building Towards an Anti-Oppressive Future Conference TIME: 10 am LOCATION: Room 1004, Education Building</p> <p>Aboriginal Pre-Health/Health Science Role Model Session TIME: 11:30 am LOCATION: Lower MUMPS, Health Science</p> <p>Aboriginal Symposium: Taking Stock LOCATION: Education Gym</p> <ul style="list-style-type: none"> ▪ Expo and poster display 9 am (runs all day) ▪ Speech by President Busch-Vishniac 9:30 am ▪ Launch of Community Engagement Map 10:30 am ▪ Graduate poster competition 10:30 am ▪ Feast Noon ▪ Round Dance 2 pm <p>ITEP Annual Round Dance TIME: 6 pm LOCATION: Education Gym</p>

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KRIS FOSTER

Indspire

On Feb. 14, the U of S welcomed about 165 Aboriginal high school students to campus. The students, from all over Canada including British Columbia, Alberta, Saskatchewan, Manitoba, Ontario and the Northwest Territories, were in Saskatoon for the Indspire Youth Awards. Along with about 40 chaperones, the students spent the day on campus and had the chance to tour the U of S, take part in interactive college sessions, dine at STM and hear from USSU President Jared Brown and U of S alumnus John Desjarlais.

Around the Bowl

Richard Julien, Dept. of Religion and Culture, is the inaugural recipient of the Peter T. Millard Award established by the U of S Faculty Association to mark the 10th anniversary of Millard's death and the 35th anniversary of the organization's certification. The award recognizes Julien's activism and involvement with the USFA.



Julien

SaskBusiness magazine has named Daphne Taras, dean of the Edwards School of Business, one of Saskatchewan's 10 Women of Influence for 2013.



Ladd

Ken Ladd, associate dean in the University Library, will serve as acting dean for a year starting May 22 while Vicki Williamson is on administrative leave.

The Professional Association of Internes and Residents (PAIRS) has awarded Dr. Michelle Persuad, a resident in internal medicine, its Dr. Brad Ardell Spirit Award which celebrates excellence in team building, creativity, and compassion and empathy in clinical practice.



Persuad

ocn Publishing Schedule 2012-13

No.	Issue Date	Deadline Date
13	March 15, 2013	March 7, 2013
14	March 28, 2013	March 21, 2013
15	April 12, 2013	April 4, 2013
16	April 26, 2013	April 18, 2013
17	May 10, 2013	MAy 2, 2013

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Centre for Continuing & Distance Education
University of Saskatchewan Language Centre



I've made friends with Canadian students on campus. It was a wonderful experience to take this Bridging class.

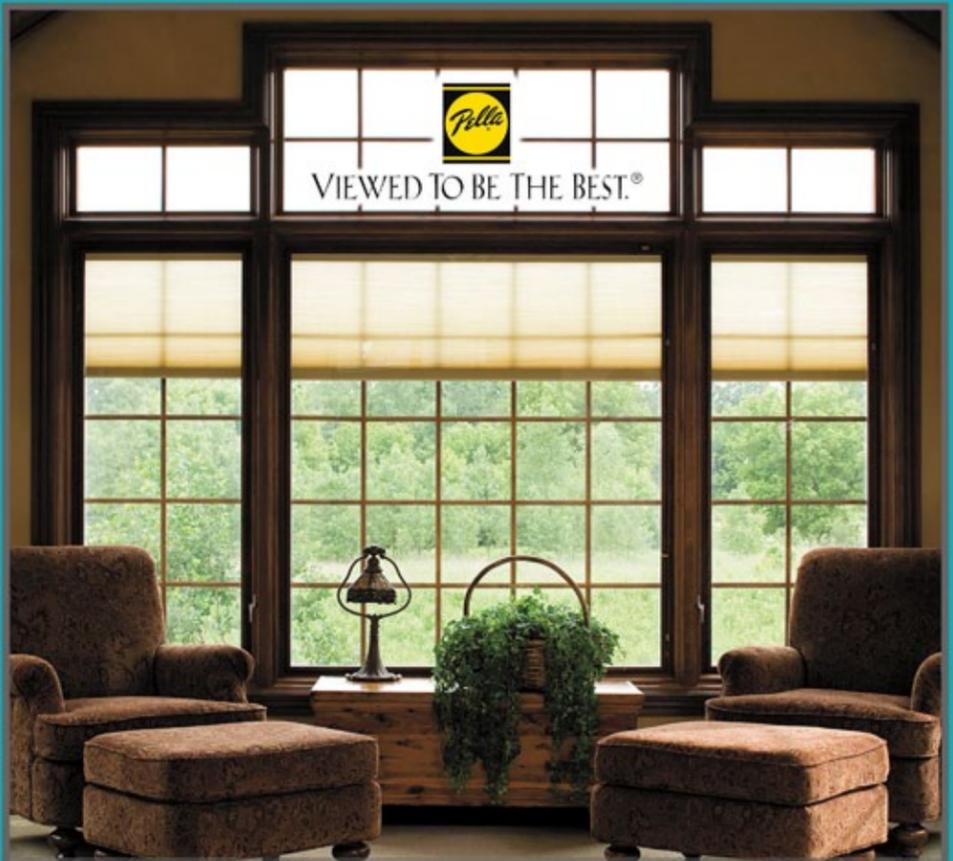
Xin Shen
U of S International Student

Through a pilot program with the College of Arts and Science, Xin Shen became one of the first international students to take a university class while completing his final English for Academic Preparation (UPREP2) class. Instructors and staff provided support to help him transition into full-time academic study.

We partner with colleges and units to provide

- academic preparation, English language and intercultural education to international students,
- development and delivery of distance learning and off-campus degree and certificate programs,
- conference and event planning with online registration services, and
- professional development and training to campus staff, groups and units.

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On the trail of prairie mammals

✍ KRIS FOSTER

As more animals are calling Saskatchewan's prairie fields home, one U of S researcher is paying special attention to two in particular: moose and wild boars.

"My research program is at the interface between wildlife and agriculture," said Ryan Brook, assistant professor in the College of Agriculture and Bioresources. "So when I came to the U of S three years ago, I looked at what major issues are facing producers and what issues have the potential to be major."

At first, Brook looked at elk that came into cattle areas and the costs associated with them feeding as well as the transmission of diseases like chronic wasting disease. When he started thinking about long-term issues, Brook settled on wild boars and moose as two mammals posing potentially significant problems.

Moose on the Move

Although most think of moose as a species specific to boreal forests, over the past 15 years the animals have been moving more and more into farmland, Brook said.

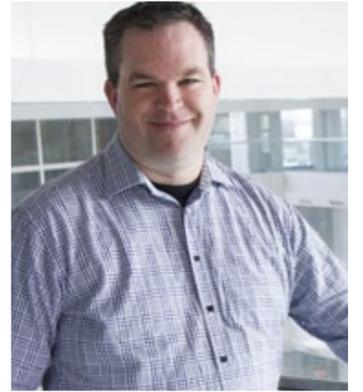
"They cause considerable crop and property damage. Farmers have reported seeing moose eating flax, canola and field peas. They love peas. But most importantly are the vehicle collisions."

Since 2006, 10 people have been killed in Saskatchewan in highway collisions with moose. Saskatchewan Government Insurance estimates collisions with moose costs about \$3.5 million in damage annually.

By capturing moose in the province, outfitting them with satellite-based collars and then tracking them over a two-year period, Brook is hoping to determine why the moose



Moose are netted by helicopter and then radio collared for tracking.



Brook

crossed the road.

"The big questions are why have they moved into these new habitats and why and where do they cross roads. Are there highways that have a higher risk and is that related to too little shoulder cover, or the type of crops close by, or even road salts?"

Boars Gone Wild

In the U.S., wild boars are responsible for billions of dollars in damage to agricultural crops, Brook explained. "They will eat anything. They are also rooters and will dig with their noses and this causes damage to native ecosystems. Not to mention they are aggressive and will harass livestock."

Wild boars are a potential source of diseases, too, he continued. "The outbreak of *E. coli* in spinach in California a few years ago was tied to wild boars coming into the area and spreading *E. coli*. In Spain, they are a major reservoir of bovine tuberculosis."

Wild boars are still a relatively small problem



A wild boar captured by a trail camera

PROVIDED BY RYAN BROOK

in Saskatchewan but their population numbers could explode very quickly, Brook said.

"They could be a really significant problem in Saskatchewan. They are the most prolific reproducer of any large mammal in the world. Females on average have 12 offspring each year and can reproduce at six months of age. They have no natural predators in Canada that we are aware of (so) the survival rate is quite good. All of these factors contribute to the problem."

Brook has set up a series of trail cameras around Saskatchewan to

gather information on where they are in the province, reproductive rates, habitat use and how the boars affect other animal populations. He is also surveying rural municipalities to get an idea of what they are seeing on the wild boar front. All of this, he continued, will contribute to a better provincial picture.

What Brook does know is that to curb the wild boar population, you have to be aggressive. "In California, they kill 60 per cent of the entire population every year just to keep it at the same level year to year." ■



Edith Rowles Simpson Lecture proudly presents

Dr. Doug Powell

Professor of Food Safety
Kansas State University

Canada Can Do Better: Avoid Food Safety Complacency and Demand Safe Food

Date. Monday, March 4, 2013

Time. 7 pm

Place. Neatby-Timlin Theatre

Arts Building Room 241

University of Saskatchewan campus

The Edith Rowles Simpson Lecture Series was established in 1971 to honour Dr. Simpson for her outstanding service to the families of Saskatchewan through her work at the College of Home Economics and the University of Saskatchewan.

This lecture is **free and open to the public.**



THIS TOURNAMENT ROCKS!

March 14 - 17

 PotashCorp



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Show your school pride! Cheer on your Huskie Men's hockey team at the **PotashCorp CIS University Cup presented by Co-op!**

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March 15 - **The Trews and 54-40**, presented by Cruz FM.

March 16 - **Our Lady Peace and Sloan**, presented by Rawlco Radio.

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UCUP merchandise available at usask.ca/bookstore/ucup.

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Take care out there.



ticketmaster



universitycup.ca
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Getting to the heart of arrhythmia

Scientists using X-rays at the Canadian Light Source (CLS) synchrotron have reconstructed the scenario of heart arrhythmia in action, an important step toward preventing the deadly condition and saving lives.

A CLS release said a 3D model was created using images from the CLS that revealed for the first time how gene mutations affect the pathway in heart muscle cells that control its rhythm. Arrhythmias are the heart beating too fast, too slow or inconsistently, causing a decrease in blood flow to the brain and body that results in heart palpitations, dizziness, fainting or even death.

The research, done by Filip Van Petegem, molecular biologist from the University of British Columbia, was published in the journal *Nature Communications* and presented at the recent 2013 annual meeting of the American Association for the Advancement of Science (AAAS).

According to the published article, the heart runs on

calcium and every heartbeat is preceded by calcium ions rushing into heart muscle cells. Then, a special protein opens the pathway for calcium to be released from compartments within those cells, and in turn, initiates the heart muscle contraction. Mutations to this protein have been linked to arrhythmia and sudden cardiac deaths in otherwise healthy people.

"We analyzed several disease mutant forms of a specific calcium channel that has been linked to cardiac arrhythmias," said Van Petegem. "Thanks to the 3D reconstruction of these new mutant structures, it allows us to look at the detailed effects of each genetic disease mutation."

Van Petegem said that many heart diseases cause much larger structural changes than he originally anticipated, and that could directly explain their effect on calcium leaking into the muscle cell and causing arrhythmias. He is hopeful that the research will lead to new ways of stabilizing the pathway to the heart. ■

Awards for masonry design at U of S

The University of Saskatchewan took home a lot of hardware from the Saskatchewan Masonry Institute's recent masonry design awards ceremony in Regina, including the Presidential Masonry Design Award for D Wing of Health Sciences project.

The building was honoured for its imaginative and creative use of masonry which includes its dolomite limestone veneer and sawn face Tyndall stone exterior trim and window surrounds, as well as the interior use of elements like thin Tyndall stone veneer and ground face masonry units. Together, the use of masonry provides for a rich and varied visual experience that closely links the building to existing architecture on campus.

Awards of Excellence went to the College Quarter student residences in the multiple unit dwelling masonry design category, and to the Western

College of Veterinary Medicine in the renovation and addition masonry design category. In the same category, the Place Riel addition received an Award of Merit and the Heating Plant expansion received honourable mention.

The Masonry Design Awards recognize the achievements of architects, engineers, designers and builders for their use of masonry in construction. ■

Campus Incidents

Selected incidents reported by Campus Safety Department. Report all information about these and other incidents to Campus Safety at 966-5555.

Feb. 11-19

- A theft was reported from the Computer Store in Place Riel.
- A mischief was reported in a men's bathroom in the Arts Building.
- Mischief was reported in Edwards School of Business where someone tampered with electronic equipment.
- Theft of cash from a room in Seager Wheeler Hall is under investigation by Campus Safety.
- Mischief reported as a result of a disturbance between two people living in the same residence room at Seager Wheeler and was forwarded to the Saskatoon Police.
- A male responsible for stealing from an office in St. Thomas More on Jan. 3 was identified and police have issued a warrant for his arrest.

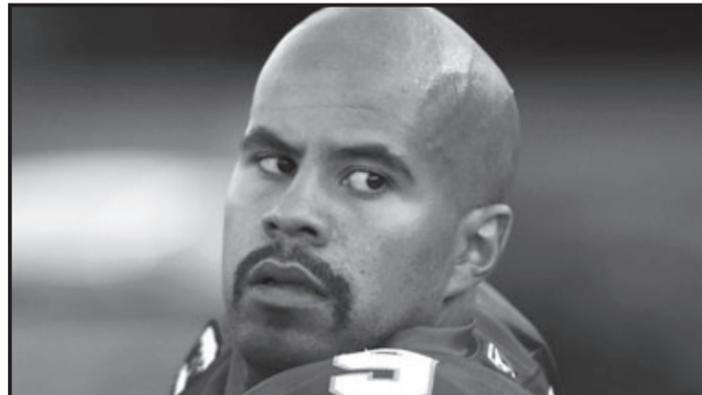
Feb. 19-24

- A cooking fire in a residence room at Seager Wheeler caused burns to a man's hands and arms. He was transported to hospital for treatment.
- A fire alarm pull station in Souris Hall was damaged leading to a fire alarm in the building that was remedied by Saskatoon Fire and Protective Services and electrical staff.

International Women's Day Forum Women Advancing: How we can help each other

Speakers. Holly Ann Knott, Maryam Mehter, Cathy Sproule
Date. Monday, March 4, 2013 at 7 pm
Place. Frances Morrison Library Theatre
Free admission and refreshments served
Contact. 373-8693

CFUW Saskatoon, Saskatoon Council of Women
Saskatchewan Status of Women Office



You are invited to attend the 16th Annual
Breaking the Silence Conference

 UNIVERSITY OF SASKATCHEWAN Sponsored by the College of Education
University of Saskatchewan

March 22-24, 2013
Calgary Stampeders Running Back 2012
CFL Canadian Player of the Year
Jon Cornish "This Is My Story"

For program and registration information, visit:
usask.ca/education/breaking-the-silence

Social Justice Conference



ST. THOMAS MORE COLLEGE
UNIVERSITY OF SASKATCHEWAN

Turning to the World: Social Justice and the Common Good since Vatican II

St. Thomas More College
University of Saskatchewan, Saskatoon, SK, Canada
March 8 - 9, 2013

Friday, March 8 presenters:

Bishop Remi De Roo, Dr. Catherine Clifford, and Dr. Michael Duggan

Saturday, March 9 sessions:

Preferential Option for the Poor, Religious Pluralism/Culture of Peace, and Living Social Justice and the Common Good

Co-keynote Address:

Dr. Gregory Baum (via Skype) and Dr. Stephen Scharper

Plenary Session:

Dr. Mary Jo Leddy

This conference is sponsored by the newly established *Leslie and Irene Dubé Chair for Catholic Studies* and the University of Saskatchewan Conference Fund.

For complete program and registration information, visit:

stmcollege.ca

Financial Services Division | FSD

Year-end cutoffs

Those employees involved in year-end financial reporting on campus will receive information on the university's 2012-13 fiscal year-end cutoff dates within the next few weeks. As well, watch for more information in this column in the March 15 edition of *On Campus Now*.

Research reminder

Researchers with projects ending March 31, 2013 are reminded to get their project fund balances to zero by March 31 to facilitate timely reporting to funding agencies. Financial Reporting is in the process of contacting all researchers in this category to provide a reminder and answer any questions. March 31 is a significant reporting period for government research funders. In all cases, researchers should monitor their monthly emailed fund report to ensure they have their project funds fully spent before the end date on the report. For assistance, email fsd_research_accounting@usask.ca.

T4s in PAWS

Employee T4 information is available in PAWS. Go to the *Admin Services* tab under the *My Employment* channel and select *Tax Information*. Tuition and education tax slips (T2202As) are now available in PAWS by going to the *Tuition and Fees* channel under the *Academics* tab and select *Get Your Tax Receipts*.

Participation up

Participation in the FSD Customer Survey conducted in December 2012 was up by 39 per cent, with 351 participants compared to 252 in 2010 and 191 in 2008, the survey's first year. Thanks to all who completed the survey! Results are being analyzed and reviewed to help determine priorities for improvement. FSD's most-used employee services include our forms (employee reimbursement, payroll, procurement, UniFi, etc.), travel expense claims, our website, various finance-related guidelines and procedures, PCards and APEFs. Projects currently underway in FSD aimed at bringing about process improvements include travel and expense management, the procurement continuous improvement pilot and the financial management framework (an IP3 project).

Training videos

FSD has created some helpful videos for specific finance-related activities. All can be found on YouTube (search University of Saskatchewan UniFi Support or by title below).

- *What's New in FAST Finance Reporting*
- *Creating a Purchase Requisition in UniFi*
- *Basic Navigation in UniFi Plus*

More information on training available from FSD can be found on our website on the *Training* page under *Colleges/Depts/Research*.

usask.ca/fsd

Need help with UniFi?
Call 966-8783 or email unifisupport@usask.ca



FSD

Next OCN
deadline is
March 7

Coming Events

■ Courses/Workshops

Signing Authority Policy Information Sessions

These sessions are for delegates given the authority to sign agreements on behalf of the University as well as employees who deal with contract processing who are new to the university, or for those who need a refresher. Register by email at sarah.swanson@usask.ca

- March 1, 1-3 pm, Room 127 Physics
- March 6, 1-3 pm, Rom C230 Administration Bldg.

Library Workshop Series for Scientists and Engineers

The University Library is offering a series of free workshops for scientists and engineers, but all are welcome to attend. All workshops will take place from noon-1 pm in the Delta Lab, 2B04 Engineering. No registration is necessary. For more information call 966-5978 or 966-1913

- March 12, Keeping Current with Literature: Strategies for keeping up-to-date with the scholarly literature in your field: from email alerting services to rss feeds.
- March 26, Open Access: Learn about author's rights and discover how to make your publications more accessible to readers: open access journals and repositories.

Managing Your References

The University Library is offering free, one-hour workshop throughout the semester for those who want to learn how to use RefWorks to save time and stay organized. No registration necessary.

- Mar. 15, 11:30 am, Murray Bldg., Room 161
- Mar. 26, 2:30 pm, Murray Bldg., Room 161

Advising Workshops

The Gwenna Moss Centre for Teaching Effectiveness (GMCTE) presents a series of workshops to assist those who advise students on academic plans and decision processes. Full details about each session can be found on the GMCTE website.

- March 4, 1-3 pm and March 5, 9-11 am, Weaving Career Conversations in your Academic Advising Sessions. This session will focus on enriching participants' understanding of career guidance as an element of holistic academic advising.
- April 2, 9:30-11 am and April 3, 1-2:30 pm, Protecting Privacy in Academic Advising. In this session, learn the definition of personal information and learn the basic rules for access and for denial of access.

Centre for Continuing and Distance Education

For more information, visit www.ccde.usask.ca or call 966-5539

Business and Leadership Programs

- Technical Writing, March 13
- The Seven Habits of Highly Effective People, March 19-20
- Managing Conflict, Level I, March 27-28
- Life Balance Leadership, April 9

USCAD Winter Classes

- Watercolour I/II, April 12, 13, 14, 19, 20, 21
- Outdoor Scene and Landscape Photography II, March 9 and 10
- Glass Mosaics, April 19, 20, 21
- Glass Fusion I, March 16, 17
- Glass Fusion II, April 6, 7
- Glass Fusion III, April 27, 28

Community Music Education Program

Private lessons in guitar, traditional piano, Suzuki piano and violin are also offered. For information about Fanfare! Children's Choir, contact Nicole Wilton Elliott at 966-5625.

U of S Language Centre Programs

- Part-time English Classes for studies or employment. Placement testing and registration for spring term on now. Call 966-4351 or go to ccde.usask.ca/PTESL-Pronunciation: Thursdays, April 4 – June 6 Spoken English: Tuesdays and Thursdays, April 9 – May 30

- Writing and Grammar: Mondays & Wednesdays, April 8 – June 3 Graduate-Level Writing: Mondays & Wednesdays, April 8 – June 3 Reading Skills: Tuesdays, April 9 – May 28 Listening and Note taking Skills: Thursdays, April 11 – May 30
- Classes offered include French Level 1-7, Spanish Level 1-7, Portuguese Level 1, Italian Level 1, Japanese Level 1-2, and German Level 1-2. Also Japanese for the traveller. \$195 excluding GST.

Educational Travel

For more information see ccde.usask.ca/edttours

- Athabasca Sand Dunes Wilderness Ecology Camp July 7-12 with tour guides Greg Fenty and Melanie Elliott. Cost: \$2050. Information night March 26, 7-8:30 pm in Room 306, 221 Cumberland Ave N.
- Churchill Manitoba Polar Bear Ecology Family Tour with Susan Blum Nov. 7-14. Cost: \$2495 adult, \$2195 child under 12 years (includes GST).

Continuing Education and Development for Nurses

For more information go to usask.ca/nursing/cedn

- March 7, Courage to Lead pre-conference workshop. Registration is limited
- March 7 – 8, Courage to Lead: Nursing Leadership Conference

Gwenna Moss Centre for Teaching Effectiveness

For more information and to register for workshops visit usask.ca/gmcte.

- March 7, 2-3 pm, Learning Objectives or Learning Outcomes? What's the difference? with Leslie Martin, GMCTE
- March 14, 1:30 - 3:30 pm, Embedding Research and Inquiry Skills Across Undergraduate Learning Environment with Brad Wuetherick, GMCTE
- March 20, 2-5 pm, Mindfulness Training to Enhance Student Learning: An Experiential Workshop with Trish Dowling, WCVM
- March 27, 2 - 3:30 pm, Working with TA's to Enhance Student Learning with Kim West, GMCTE

WSEP Safety Training Courses

Register at usask.ca/wsep/web_course

- Biosafety: classes available online
- Standard First Aid with CPR A: April 24 and 25, 8 am-4:30 pm
- First Aid Recertification Course: March 11, 8 am-4:30 pm
- Laboratory Safety: March 13, April 15, 8:30 am-4 pm
- Laboratory Safety for undergrad students: May 2, May 10, May 13, 8:30 am-4:30 pm
- Radiation Safety: April 11, 8:30 am-4 pm
- Safety Orientation for Employees: March 8, 8:30-11:30 am; March 27, 1-4 pm
- Safety Orientation for Supervisors: March 15, 9-noon; April 22, 9-noon
- Transportation of Dangerous Goods (Receiver): March 6, 11-noon
- Transportation of Dangerous Goods (Refresher): March 6, 1-4 pm
- Transportation of Dangerous Goods by Air/Road (Shipper): March 21, 8:30 am-4:30 pm

Edwards School of Business Executive Education

For information call 966-8686, email execed@edwards.usask.ca or visit edwards.usask.ca/execed

- March 18-20, The Project Management Course
- March 21, Spring Forward: Grandey Leadership Luncheon
- April 10-12, The Business Analyst's Course, Regina
- May 31 – June 7, The Effective Executive Leadership Program, Waskesiu
- June 24-26, The Project Management Course, Regina

ICT Training Services

For information or to register, email training@usask.ca or visit training.usask.ca

- Adobe Illustrator - Introduction, April 9 and 11, 1:30-4:30 pm, \$125 students, \$150 staff and faculty; \$185 others
- Adobe Illustrator - Intermediate, March 19 and 21, 1:30-4:30 pm, \$125 students, \$150 staff and faculty; \$185 others
- Adobe InDesign - Introduction Course, March 5 and 7, 1:30-4:30 pm, \$125 students, \$150 staff, and faculty; \$185 others
- Adobe Photoshop - Introduction Course, March 6 and 13 OR April 2 and 4, 1:30-4:30 pm, \$125 students; \$150 staff and faculty; \$185 others
- Adobe Photoshop - Intermediate Course, March 20 and 27, 1:30-4:30 pm, \$125 students; \$150 staff and faculty; \$185 others
- Adobe Photoshop - A Photographer's Workflow, March 14 OR March 28, 1:30-4:30 pm, \$75 students; \$100 staff and faculty; \$125 others
- BbLearn / U of S Course Tools - Fundamentals Seminar, March 1, 1:30 pm-3 pm, \$0 staff and faculty
- Make the Most of Your Mac - Introduction, April 3, 2:30-4 pm, \$0 students, staff and faculty; \$75 others
- MS Excel - Advanced Querying, Filters and LookUps, March 12, 1:30-4:30 pm, \$75 students; \$100 staff and faculty; \$125 others
- MS Excel - Mastering Analysis, March 11 and March 13, 1:30-4:30 pm, \$125 students; \$150 staff and faculty; \$185 others
- MS Outlook - Fundamentals Plus, March 26, 1:30-4:30 pm, \$75 students; \$100 staff and faculty; \$125 others
- MS PowerPoint - Fundamentals, March 12, 1:30-4:30 pm, \$0 students, staff and faculty; \$125 others
- MS Word - Footnotes/Figures/Master Documents Seminar, March 8 OR March 22, 1:30-3 pm, \$0 students; \$50 staff and faculty; \$75 others
- MS Word - Fundamentals, March 5 and 7, 9-noon, \$125 students, \$150 staff and faculty; \$185 others
- MS Word - Styles / Outlining / TOC's Seminar, March 1 OR March 15 OR March 29, 1:30-3 pm, \$0 students; \$50 staff and faculty; \$75 others
- MS Word - Fundamentals Plus, March 26 and 28, 9-noon, \$125 students, \$150 staff and faculty; \$185 others
- SAS for Windows - Introduction Course, March 5 and 7, 6:30-9:30 pm, \$0 students, staff and faculty; \$185 others
- SEEQ Online Evaluation System - Workshop, March 4, 10:30-11:30 am OR March 5, 3-4 pm, \$0 staff and faculty
- Faculty Workshops: contact training@usask.ca or 966-4866 for more information on these workshops geared to faculty.
- Online Training Library: enquire about the purchase of Pro Licenses for access to training videos.
- IT4U - Computer Training and Support for Students, contact <http://it4u.usask.ca>
- Many courses are available to off-campus users. Visit training.usask.ca for more information.

■ Miscellany

Aboriginal Achievement Week

The week of March 11-15 will see activities and events taking place across campus to mark Aboriginal Achievement Week. Full details of all events can be found at aboriginal.usask.ca

World Water Day

The Global Institute for Water Security in partnership with the Canadian Water Resources Association and Engineers Without Borders will present a World Water Day paper and poster event March 22 starting at 8:30 am in Physics 175. The theme of the event is Water Issues at Home and Abroad.

Breakfast with the President

Ilene Busch-Vishniac is hosting President's Breakfasts at the University Club starting at 7:30 am on the following dates in March and April: March 8, March 15, March 22, April 5, April 12, April 26. Please call 966-7775 to make a reservation.

Alumni of Influence

The College of Arts and Science is holding its annual Alumni of Influence Dean's Dinner and Awards Ceremony March 15 starting at 5:30 pm at TCU Place. This year's even will honour Sarah Carter BA'76, MA'81; Len Edwards BA'67, MA'69; Tim Gitzel BA'86, LLB'90; Allen Harrington BMus'99; Mary Houston BA'47, BEd'50; Thomas Mackie BSC'80; Mark Mullins BA'84; Sandra Pyke BA'58, MA'61; and Gerald Schmitz BA'73, MA'75. For more information or to reserve tickets, contact Teri Olson at 966-6388 or email teri.olson@usask.ca

■ The Arts

Much Ado About Nothing

The Newman Players presents *Much Ado About Nothing*, Shakespeare's famous rom-com featuring a battle of the sexes, wild rumours, mistaken identities, charming songs, plot twists and happy endings on March 14, 15 and 16 at 7 pm and March 17 at 2 pm in the Fr. O'Donnell Auditorium at STM. Tickets available at www.picatic.com/muchado or at the door. For more information call 966-8946.

Glee Club Concert

The Newman Sounds Glee Club presents its spring show March 24 at 2 pm in the Fr. O'Donnell Auditorium at STM. Tickets are \$5 and will be available at the door. For more information call 966-8946.

Status Quo screening

- There will be a film screening and discussion of *Status Quo: The Unfinished Business of Feminism in Canada* March 21 at 5 pm in the Georgia Goodspeed Theatre, Room 18, Edwards School of Business. The documentary focuses on key concerns like violence against women, reproductive rights and universal childcare and how much progress has been made on these issues.

Traces

Traces, a new body of work by Donna Bilyk that uses images, interviews and artifacts collected from seniors home residents as source materials, opens March 4 at the Gordon Snelgrove Gallery. The show continues until a closing reception March 15 from 7-9 pm.

A Sense of Place

On view on the first floor of the Murray Library until April 26 is *Saskatchewan: A Sense of Place* which includes a wide variety of materials from the province's early history, including immigration brochures, postcards, newspapers, local history books and event posters as well as some of the most famous Saskatchewan-themed literature.

Elixir Ensemble Concert

The Elixir Ensemble presents France Par Excellence March 30 at 7:30 pm in Convocation Hall featuring works by Widor, Mozetich and Chausson. Tickets are available at elixirensemble.com

Kenderdine Exhibition

Continuing until April 27 in the Kenderdine Art Gallery in the Agriculture Building is *Souvenir Involontaire*, work by Melanie Rocan.

On Stage

Greystone Theatre presents *Into the Woods*, with music and lyrics by Stephen Sondheim, March 20-23. Based on the book by James Lapine and directed by Julia Jamison, this evening of musical theatre takes Grimm's fairytale characters on a journey through an enchanted forest to explore the other side of happily ever after. Visit the Greystone website for show times and ticket information.

College Art Galleries

On view until May 4 in the College Art Galleries in the Peter MacKinnon Building is *Janet Werner: Another Perfect Day*. Curated by Kent Archer, the exhibition highlights Werner's fictionalization of time, place and memory as her subjects are invented, adapted, distorted and localized in new contexts and the drama of her paintings.

■ Huskies@Home

Men's Hockey

- March 14-17, CIS Championships

■ Seminars/Lectures

Architecture Symposia

The School of Architecture Working Group at the U of S is hosting a series of symposia to explore ideas around architecture education and innovation. For complete details, visit archusask.ca/home

- March 1 – Architecture is ... material and technical innovation
- March 7 and 8 – Architecture is ... environment, culture and community engagement
- March 17 and 18 – Architecture is ... design thinking and teaching

Fine Arts Lecture

- March 28, 7:30 pm, Convocation Hall, Donna Goodridge, professor of nursing and acting assistant dean for graduate studies, College of Nursing, presents *Invoking Apollo: Exploring the Therapeutic Potential of Music Within Health Care*

Idle No More Series

The College of Arts and Science and the Indigenous Students' Council presents a discussion series about Idle No More. Full details are on the college website.

- March 5, 4-5 pm, Arts 241, Indigenous Feminism and INM
- March 11, 1:30-5:30 pm, Arts 241, Love Stories for Mother Earth: Artistic Responses to IDM
- March 18, 3:30-5:30 pm, Arts 143, INM: Inequities in Indigenous Education in Saskatchewan
- March 25, 3:30-5:30 pm, Arts 143, Law, Policy, Treaty Rights and INM
- April 3, 1:30-3:20 pm, Thorvaldson 105, What Can the University Learn from INM?

Simpson Lecture

- March 4, 7 pm, Neatby-Timlin Theatre, the College of Pharmacy and Nutrition will host Doug Powell, professor of food safety at Kansas State University, as this year's Simpson Lecturer. His presentation is entitled *Canada Can Do Better: Avoid Food Safety Complacency and Demand Safe Food*

Water Security Lecture

- March 5, 10 am, Room 2268, National Hydrology Research Centre, 11 Innovation Blvd., Joseph Guillaume with the Australian National Centre for Groundwater Research and Training, presents a lecture about the Iterative Closed Question Modelling methodology

Hydrology Lecture

- March 4, 4 pm, Room 144 Kirk Hall, the Global Institute for Water Security Distinguished Lecture series presents Tony Jakeman, professor, Fenner School of Environment, and director, Integrated Catchment Assessment and Management Centre, Australian National University, giving a lecture entitled *Integrated Catchment Management: the roles of modeling and decision support.*

New Feminist Research Lecture Series

- March 7, 7 pm, Gordon Snelgrove Gallery, Room 191, Murray Building, Tiffany Muller Myrdahl, the Ruth Wynn Woodward Junior Chair in Gender and Urban Studies at Simon Fraser University, presents *Emerging Feminist Urban Futures*

WCVM Lectures

- March 12, 12:30 pm, WCVM 2115, Dr. Jules Minke, head of Research Projects Biologicals with global responsibility, Merial, Lyons, France, presents the John Gunion Rutherford Memorial lecture entitled The use of the canarypox virus (ALVAC) as technology platform for veterinary vaccines.
- March 19, 12:30 pm, WCVM 2104, Dr. Suzanne Millman, associate professor of animal welfare at Iowa State University, presents the DLT Smith Short-Term Visitorship lecture entitled Addressing painful procedures in livestock production – interface between science, policy and practice.

Philosophy in the Community

- March 13, 7 pm, The Refinery, 609 Dufferin Ave., the free lecture and discussion series features Brian Zamulinski presenting Moral Theory and Judicial Independence

JSGS Events

Visit www.schoolofpublicpolicy.sk.ca for details and to register

- March 6, 10:30-noon, Richard Vengroff, Fulbright Research Chair, Carleton University and dean, College of Humanities and Social Sciences, Kennesaw State University, presents Implementing Immigration Policy: Provinces and States in Comparative Perspective
- March 25, 1:30-3 pm, Stephen Blank, Fulbright Chair of Governance and Public Administration, University of Ottawa, presents NAFTA: the Next steps are Big steps

World Water Day Lecture

- March 22, 4 pm, Convocation Hall, Howard Wheeler, director of the Global Institute for Water Security, presents Water Security in Western Canada: Progress and Prospects, highlights of the institute's first two years and plans for future research on a global scale.

Microbiology and Immunology

- 4-5 pm, Room B3 Health Sciences Bldg.
- March 7, Darrell Mousseau, Cell Signaling Laboratory, Psychiatry, presents Just how far outside of the box do we need to think to really understand Alzheimer Disease?
- March 14, Linda Chelico presents Restriction of HIV-1 replication by hypermutation: reassessing paradigms of the APOBEC3 DNA deaminases
- March 28, Sylvia van den Hurk, Dept. of Microbiology and Immunology, presents Prevention of pediatric respiratory syncytial virus infections: new opportunities for vaccine development
- April 4, Peter Bretscher presents Immunity and Anti-Immunity

Geography and Planning Colloquia

- Fridays at 3:30 pm in Room 146 Kirk Hall
- March 1, Evan Siemens presents Effects of climate variability on hydrological processes in Canadian Rockies' headwaters
- March 8, Gale Hagblom presents International Women's Day Lecture: "Aboriginal women's urban housing"
- March 15, Natalie Ludlow presents Spatiotemporal mortality patterns of Hamilton, Ont: 1881 and 1911

- March 22, Anastasia Petrenko presents Development of 3D navigable networks for U of S campus
- March 29, Al Morrison presents Identifying the paleo-influence of beaver on mountain peatlands

Veterinary Microbiology Seminars

- 12:30-1:30 pm, Room 2105 WCVM
- March 1, Tekeleselassie Woldemariam, PhD graduate student, presents Effect of Bovine Adenovirus-3 infection on Ribosome Biogenesis, and Kaitlin Szombathy, MSc graduate student, presents Mechanisms of Adjuvancy of Polyphosphazenes.
- March 7, R.C. Andrew Thompson, School of Veterinary and Life Sciences, Murdoch University, Perth, Australia, presents Trypanosomes, Toxoplasma, and Australian Wildlife.

and concludes March 24 with a 10:30 am worship gathering at St. Andrews College Chapel. For program details, visit usask.ca/education/breaking-the-silence

Social Justice Conference

St. Thomas More College presents Turning to the World: Social Justice and the Common Good since Vatican II March 8-9. For a complete program and registration information, visit stmcollege.ca

ACFAS Colloquium

The ACFAS will host The Innovation in the Heart of the Prairies at the U of S March 1 from 5-8:30 pm and March 2 from 8:30 am-4:30 pm. For information or to register, go to usask.ca/acfas-sk

Reflections on Reform

The College of Law is hosting a one-day conference entitled Reflections on Reform to hear perspectives from business, lab our, government and the academy on proposed

Conferences

Breaking the Silence 2013

The 16th annual Breaking the Silence Conference takes place March 22-24 and includes a presentation March 22 at 7 pm in the Broadway Theatre by Jon Cornish, Calgary Stampeder running back, entitled This is My Story. The conference continues March 23 in the Edwards School of Business with plenary sessions and workshops

changes to Saskatchewan's labour laws. The conference takes place March 2 in Room 150 of the College of Law. To register, visit law.usask.ca/reflections.php
Leadership Conference 2013 Leadership Conference 2013: Leverage Your Leadership Edge takes place May 8 and 9 at TCU Place in Saskatoon. Keynote speakers include Ken Blanchard, Jeremy Gutsche and Rick Mercer. For more information, go to www.leadershipconference.usask.ca

Submit Coming Events

Next OCN: Friday, March 15, 2013
Deadline: Thursday, March 7, 2013

ocn@usask.ca, fax 966-6815
or use web submission form at www.usask.ca/ocn

MORE STORIES, PHOTOS AND COMMENTS ONLINE

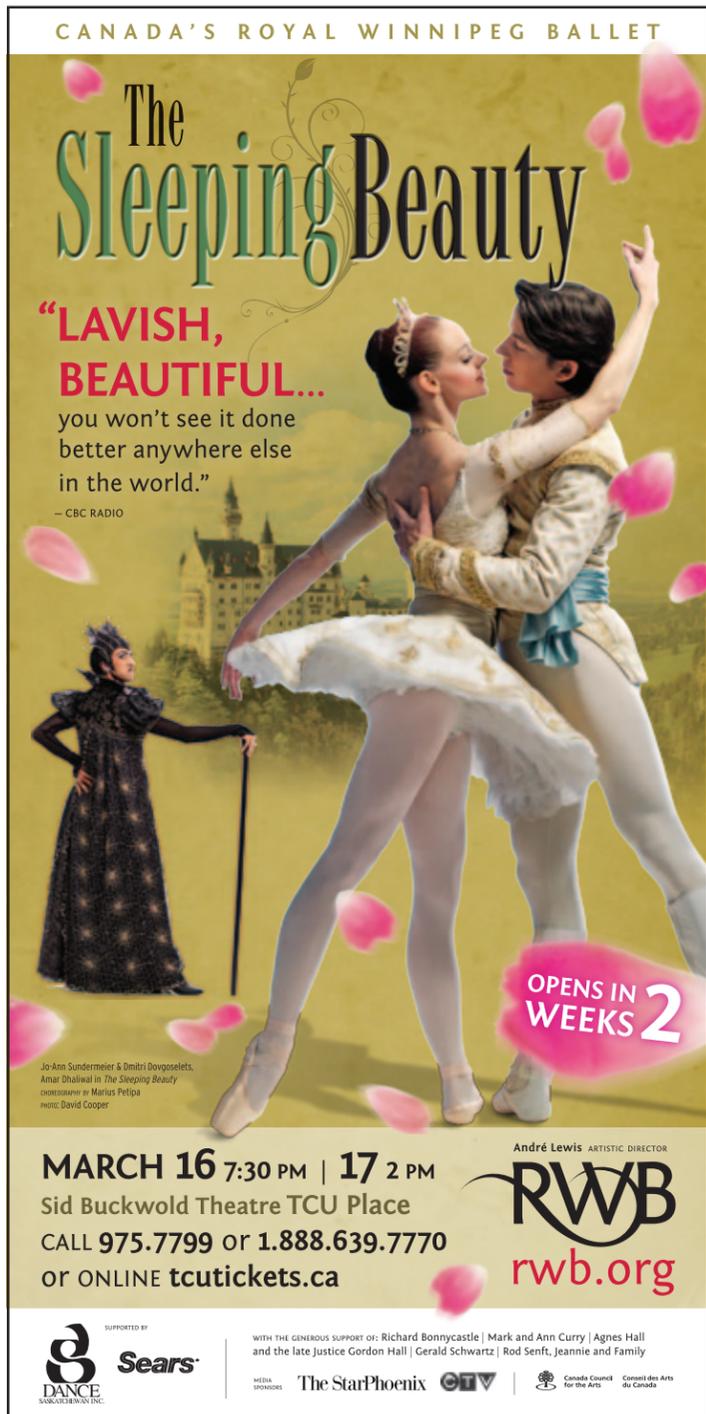
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Completed nomination forms must be marked confidential and submitted to the Library Executive Assistant no later than the last working day in March.

library.usask.ca/info/initiatives/deansaward.php

UNIVERSITY OF SASKATCHEWAN
University Library

Sneak peek



This year, *On Campus News* is using the back page to explore places on campus that are off the beaten path—often behind locked doors—and to introduce you to the people who work in them. Suggestions for this feature are always welcome; email ocn@usask.ca



Science of glass

The work Rick Elvin does in the Department of Chemistry is part technical, part artistic and absolutely unique.

The scientific glassblower, the only such craftsman in the province, uses the heat from a mixture of burning natural gas and oxygen (or hydrogen and oxygen for the real intense heat needed for quartz glass) to bend, stretch, shape and join glass into an array of vessels and contraptions, just what professors and students need to keep research moving forward.

Trained on the job from a young age, Elvin joined the U of S in 1986. He works alone in his shop in the Thorvaldson Building crafting glassware not only for the university but for outside agencies like the Saskatchewan Research Council as well. The key to what he does, he said, is hand-eye co-ordination “because everything’s done free hand.”

His most complicated project was an oil diffusion pump that took almost four weeks for him to make, and a piece of his glassware has even been into space, part of a NASA experiment.

While we all know that nothing lasts forever, Elvin understands better than anyone what can happen in an instant of inattention. “I’ve had stuff go out of here and come back broken 10 minutes later. You know it’s going to happen. It’s inevitable—it’s glass.”



Rick Elvin works on a glass vessel for use at the CLS.



KRIS FOSTER



Take a video tour of Rick Elvin’s glassblowing shop, and watch him create a glass balloon in the March 7 e-newsletter On Campus Now.